

U.S. Appln. No.: 10/554,700
Atty. Docket No.: P70873US0

Claims WHAT IS CLAIMED IS:

Amendments to the Claims

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims

Claim 1. (Currently amended) [[::]] A method for leak-testing components a component having cavities, wherein comprising, on at least one side of the component to be tested, completely wetting with a foam-forming testing liquid at least the an area to be tested is completely wetted with a foam forming testing liquid, characterized in that subjecting the component is subjected to a temperature increase, and in that subsequently checking the component's component test area to be tested is checked for a bubble formation of the testing liquid.

Claim 2. (Currently amended) [[::]] A The testing method according to claim 1, characterized in that wherein at least the component's component area to be tested is cooled before being wetted with the testing liquid.

Claim 3. (Currently amended) [[::]] A The testing method according to claim 2, characterized in that wherein the cooling is effected to -30°C at the most.

Claim 4. (Currently amended) [[::]] A The testing method according to claim 1, ~~characterized in that~~ wherein at least the component's component test area to be tested is heated after having been wetted with the testing liquid.

Claim 5. (Currently amended) [[::]] A The testing method according to claim 4, ~~characterized in that~~ wherein at least the component's component test area to be tested is heated by irradiation[[,]] ~~in particular by infrared irradiation, from that side of the component which is located opposite the area to be tested.~~

Claim 6. (Currently amended) [[::]] A The testing method according to claim 4, ~~characterized in that~~ wherein the heating is effected to a maximum of 80°C at the most.

Claim 7. (Currently amended) [[::]] A The testing method according to claim 1, ~~characterized in that the oppositely arranged sides at least~~ wherein opposed portions of the component's component area to be tested are wetted with the testing liquid.

Claim 8. (Currently amended) [[::]] A The testing method according to claim 1, ~~characterized in that the~~ wherein sites exhibiting bubble formation are marked.

Claim 9. (Currently amended) [:] A The testing method according to claim 1, ~~characterized in that~~ wherein the testing liquid is applied by brushing to at least the ~~component's~~ component area to be tested.

Claim 10. (Currently amended) [:] A The testing method according to claim 1, ~~characterized in that~~ wherein the testing liquid is applied by spraying to at least the ~~component's~~ component area to be tested.

Claim 11. (Currently amended) [:] A The testing method according to claim 1, ~~characterized in that~~ further comprising after said testing, a step of removing the testing liquid ~~is removed~~ by washing[,] preferably with water.

Claim 12. (Currently amended) [:] A The testing method according to claim 11, ~~characterized in that~~ wherein the washing process step is effected under pressure.

Claim 13. (Currently amended) [:] A The testing method according to claim 11, ~~characterized in that~~ wherein the washing process step is mechanically assisted.

14. (New) The testing method according to claim 5, wherein the irradiation is infrared.

15. (New) The testing method according to claim 11, wherein the washing step is effected with water.